

# Natan Blommaerts

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7229922/publications.pdf>

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9  
papers

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1307594  
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docs citations

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times ranked

318  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmonic "rainbow"™ photocatalyst with broadband solar light response for environmental applications. <i>Applied Catalysis B: Environmental</i> , 2016, 188, 147-153.	20.2	49
2	Plasmonic Near-Field Localization of Silver Core-Shell Nanoparticle Assemblies via Wet Chemistry Nanogap Engineering. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 41577-41585.	8.0	34
3	Unraveling Structural Information of Turkevich Synthesized Plasmonic Gold-Silver Bimetallic Nanoparticles. <i>Small</i> , 2019, 15, e1902791.	10.0	33
4	Gas phase photocatalytic spiral reactor for fast and efficient pollutant degradation. <i>Chemical Engineering Journal</i> , 2017, 316, 850-856.	12.7	32
5	Ultrafast screening of commercial sorbent materials for VOC adsorption using real-time FTIR spectroscopy. <i>Separation and Purification Technology</i> , 2018, 207, 284-290.	7.9	26
6	Tuning the turnover frequency and selectivity of photocatalytic CO <sub>2</sub> reduction to CO and methane using platinum and palladium nanoparticles on Ti-Beta zeolites. <i>Chemical Engineering Journal</i> , 2021, 410, 128234.	12.7	17
7	Characterization of silver-polymer core-shell nanoparticles using electron microscopy. <i>Nanoscale</i> , 2018, 10, 9186-9191.	5.6	11
8	Layer-by-Layer-Stabilized Plasmonic Gold-Silver Nanoparticles on TiO <sub>2</sub> : Towards Stable Solar Active Photocatalysts. <i>Nanomaterials</i> , 2021, 11, 2624.	4.1	7
9	Mesoporous TiO <sub>2</sub> from poly(N,N-dimethylacrylamide)-b-polystyrene block copolymers for long-term acetaldehyde photodegradation. <i>Journal of Materials Science</i> , 2020, 55, 1933-1945.	3.7	4